

ABSTRACT

[113] A method of using a firearm shot helmet detection system includes providing a firearm shot detection system comprising a plurality of helmets worn by respective mobile fighters, each helmet including a firearm shot detection system that detects the presence and geographical origination of a firearm shot, and wirelessly communicates with other firearm shot detection systems of other respective helmets; detecting the presence of a firearm shot with the firearm shot detection system of each helmet; wirelessly communicating distance information on the detected firearm shot with the other firearm shot detection systems of other respective helmets; and determining the geographical origination of the firearm shot using triangulation based on the distance information on the detected firearm shot.